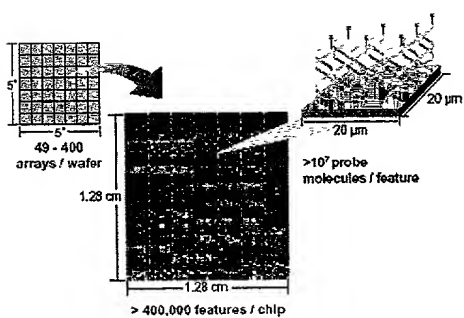


**Figure 1**

20141010 14:09:50



**Figure 2**

20140401 09:00:00

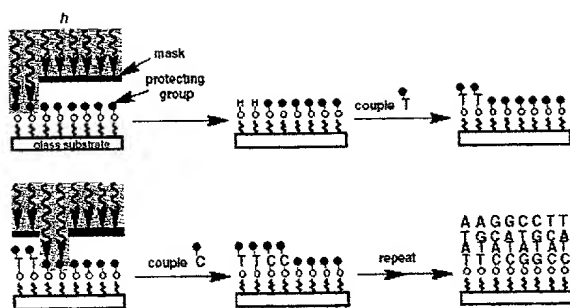
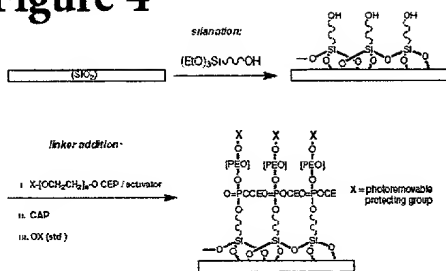
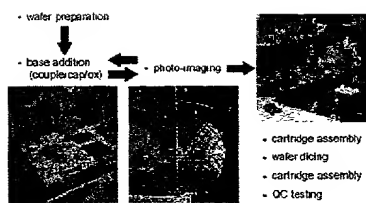


Figure 3

204410 EWE3350

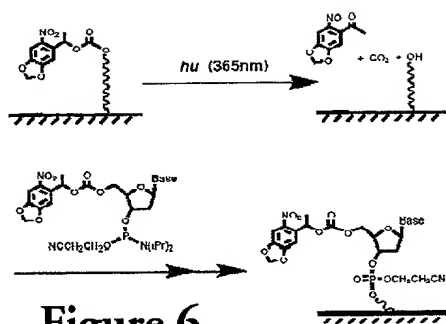
Figure 4



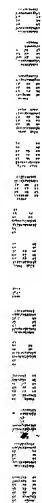


**Figure 5**

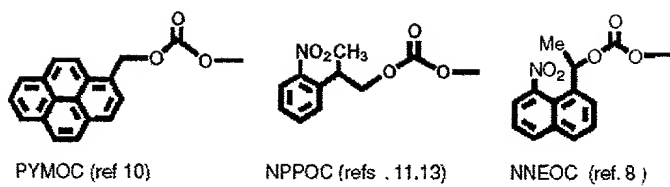
2014-10-10 14:10:10



**Figure 6**



Page 32 of 40



**Figure 8**

20140404 14:04:04

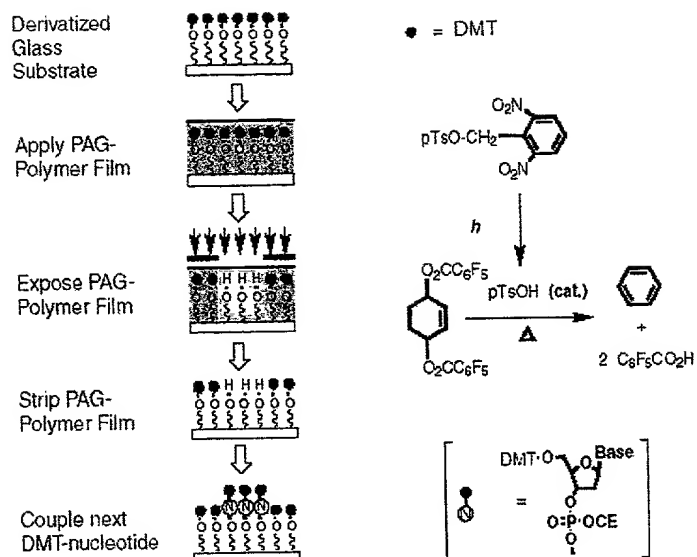
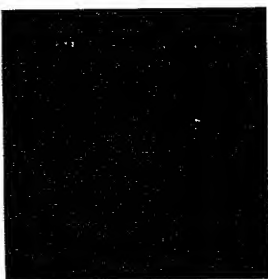


Figure 9

A.



B.

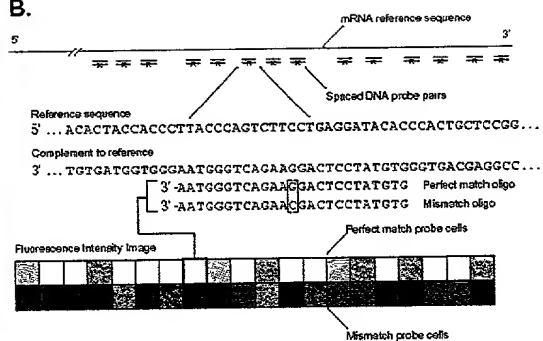


Figure 10

A.

REFERENCE  
SEQUENCE → 5'GGACTTTGTGGGATACCCTCC

20MER PROBES

```

3'cctgaaacAccctatgggag
cctgaaacCccctatgggag
cctgaaacGccctatgggag
cctgaaacTccctatgggag
3'ctgaaacaAcctatgggagg
ctgaaacaCccctatgggagg
ctgaaacaGccctatgggagg
ctgaaacaTccctatgggagg
  
```

B.



Figure 11

A.

-4	-1	0	+1	+4
MMA	MMA	MM*	MMA	MMA
PMA	PMA	PMA	PMA	PMA
PMB	PMB	PMB	PMB	PMB
MMB	MMB	MM*	MMB	MMB

B.

REFERENCE  
SEQUENCE...GGTGATTATGAACCTACTAT...

PROBE SEQUENCE

ALLELE A CCACTAATACATGGATGATA MMA  
 CCACTAATAGTTGGATGATA PMA  
 ALLELE B CCACTAATACCTGGATGATA PMB  
 CCACTAATACGTGGATGATA MMB

C.

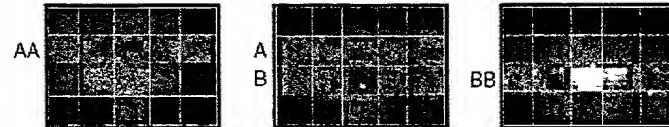
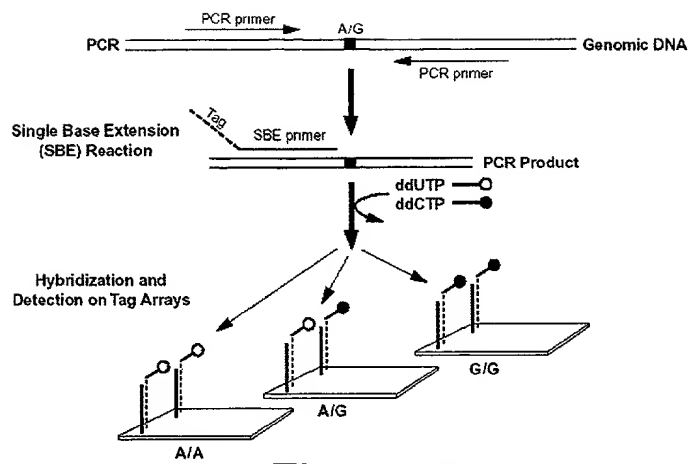
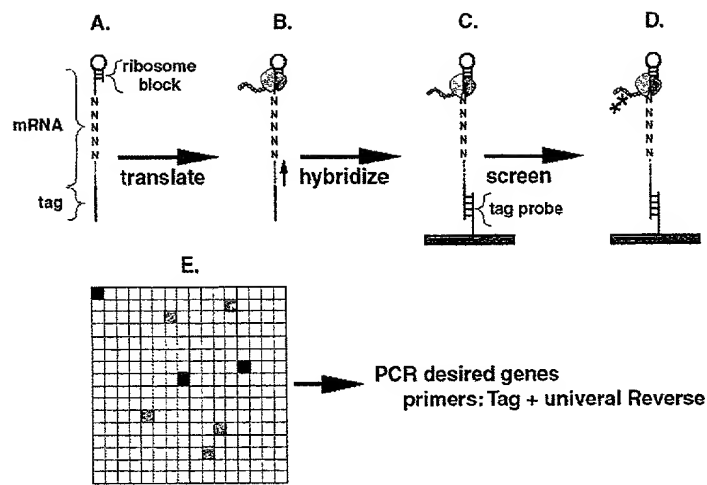


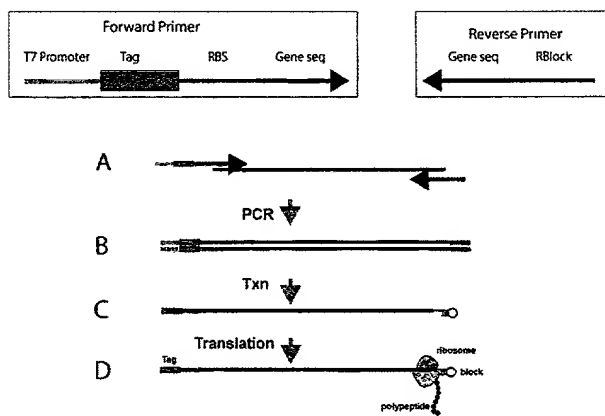
Figure 12



**Figure 13**



**Figure 14**



**Figure 15**